

Converting Colors

`RYB(239, 139, 217)`

Have a look what the booklet for
RYB(239, 139, 217) contains.

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Color

`RYB(239, 139, 217)`

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EF8BD9 |
| RGB | 239, 139, 217 |
| RGB Percent | 94%, 55%, 85% |
| CMY | 0.0627, 0.4549, 0.1490 |
| CMYK | 0.00, 0.42, 0.09, 0.06 |
| HSL | 313°, 76%, 74% |
| HSV | 313°, 42%, 94% |
| XYZ | 57.3536, 41.8257, 70.6959 |
| YIQ | 177.7920, 34.5620, 45.4580 |

Conversions

Conversions Part 2

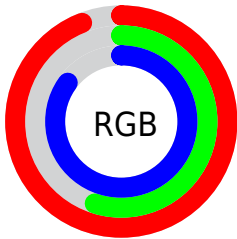
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 239, 139, 217 |
| Decimal | 15698905 |
| CIE _{Lab} | 70.75, 48.59, -23.61 |
| CIE _{LCh} | 71, 54.026, 334.082 |
| Yxy | 41.8257, 0.3376, 0.2462 |
| Android (android.graphics.Color) | 4293888985 (0xFFEF8BD9) |
| YUV | 177.7920, 19.3295, 53.6794 |
| Hunter-Lab | 64.6728, 45.1213, -19.5409 |

Details

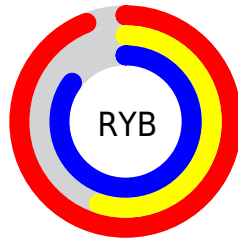
The RYB color **239, 139, 217** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **139, 221, 239**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 194, 255**, and **181, 86, 162** is the 20% darker color. If you saturate the color by 10%, you get **239, 115, 212**, and if you desaturate by 10%, it is **239, 163, 222**.

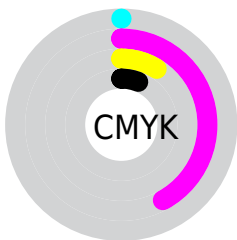
Distribution



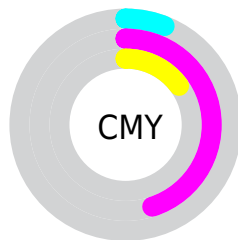
- Red (94%)
- Green (55%)
- Blue (85%)



- Red (94%)
- Yellow (55%)
- Blue (85%)



- Cyan (0%)
- Magenta (42%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RYB color 239, 139, 217 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 239, 139, 217 by changing the saturation by 10% instead.


 239, 139, 217

 239, 139, 217


255, 255, 255

 210, 112, 189


 255, 194, 255

 181, 86, 162

 255, 223, 255

 153, 59, 136


 255, 252, 255

 126, 31, 110

 99, 0, 85

 73, 0, 62

 50, 0, 40

 14, 0, 17

 0, 0, 0

 239, 139, 217

 239, 139, 217

 239, 115, 212

 239, 163, 222

 239, 91, 206

 239, 187, 228

 239, 67, 201

 239, 211, 233

 239, 43, 196

 239, 235, 238

 239, 19, 191

 239, 252, 255

 239, 0, 186

 239, 249, 255

 239, 247, 255

 239, 247, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185, 157, 255



239, 139, 217



255, 131, 168

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239, 139, 217



98, 195, 71



0, 105, 227

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



239, 139, 217



139, 221, 239

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 104, 198



239, 139, 217



88, 186, 130

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239, 139, 217



236, 217, 84



75, 157, 194



0, 109, 255

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239, 139, 217



255, 134, 136



75, 157, 194



0, 102, 212

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



239, 139, 217



255, 222, 248



161, 139, 239



128, 107, 123



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



239, 139, 217



255, 128, 227



239, 139, 167



120, 108, 117



184, 0, 143



56, 0, 44

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



239, 139, 217



255, 128, 227



139, 197, 239



120, 108, 117



184, 0, 143



56, 0, 44

Previews

White Background



This preview shows how the RYB color 239, 139, 217 looks on a white background.

Color Contrast Check

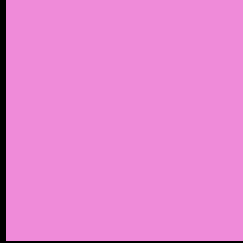
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 239, 139, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RVB 239, 139, 217 Background



This preview shows how black text looks on a background with the RYB color 239, 139, 217.



This preview shows how white text looks on a background with the RYB color 239, 139, 217.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
239, 139, 217

Protanopia
153, 168, 241

Deuteranopia
171, 170, 212



Tritanopia
233, 150, 162

Trichromacy



Original Color
239, 139, 217



Protanomaly
184, 159, 232



Deuteranomaly
196, 159, 214

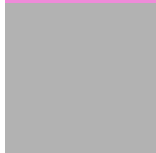


Tritanomaly
235, 146, 182

Monochromacy



Original Color
239, 139, 217



Achromatopsia
178, 178, 178



Achromatomaly
200, 164, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 239, 139, 217 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(239, 139, 217) looks like.

```
.text, #text, p{  
    color:rgb(239, 139, 217)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(239, 139, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 139, 217) }
```

Border

The CSS property to change the border of an element to RYB 239, 139, 217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 139, 217) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(239, 139, 217) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(239, 139, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 139, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 139, 217);  
box-shadow:4px 4px 4px 4px rgb(239, 139,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 239, 139, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 139, 217) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(239,  
139, 217) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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